



Field Trip Activity Menu

Field trips include a guided nature hike and at least two activities connected to your selected theme or standards. Please choose one of the following themes for your field trip.

Preschool-2nd Grade Field Trips

- **Animals as Engineers** - Explore some of the wondrous things animals build to help them survive in the habitats in which they live. Make your own model habitats. (K-LS1-1, K-ESS3-1, 1-LS1-1, 2-PS1-2, 2-LS4-1, K-2-ETS1-2, K-2-ETS1-3)
- **Is it Alive?** - Explore the characteristics of living and nonliving things through observations, comparisons, and classification. (K-LS1-1, 1-LS1-2, 1-LS1-3, 2-PS1-1, 2-LS4-1, 3-LS1-1)
- **Scientists Use Their Senses** - Find out about the different ways scientists use their different senses to learn about the world and then use *your* senses to learn more about Moore Road Farm. (1-PS4-1, 1-PS4-3, 2-PS1-1, 2-LS4-3)
- **Time to Fly** - Investigate forces as you observe objects that fly and use the engineering design process to create something of your own that flies through the air. (K-PS2-1, K-PS2-2, 1-LS1-1, 2-PS1-1, 2-PS1-2, 2-LS4-1, K-2-ETS1-2, K-2-ETS1-3)
- **What's in the Garden?** - Observe and explore our gardens to learn more about the needs of living things and what it takes for a garden to grow. (K-LS1-1, K-ESS2-2, K-ESS3-1, K-ESS3-3, 1-LS1-3, 1-LS3-1, 1-ESS1-2, 2-PS1-1, 2-LS2-1, 2-LS2-2, 2-LS4-1)
- **Working with Weather** - Investigate different types of weather events and why and how they happen. Learn about the water cycle through experimentation and observation. (K-PS3-1, K-ESS2-1, K-ESS3-2, 1-ESS1-1, 1-ESS1-2, 2-PS1-4, 2-ESS1-1, 2-ESS2-3)

3rd-5th Grade Field Trips

- **Exploring Earth Processes** - Identify, model, and investigate how geological processes make changes to the Earth quickly and over time. (4-ESS1-1, 4-ESS2-1, 4-ESS3-2, 5-PS1-4, 5-ESS2-1, 5-ESS3-1, 3-5-ETS1-1, 3-5-ETS1-2)
- **Healthy Soil and Water** - Clean and healthy soil and water are essential for healthy organisms and ecosystems. Observe and test soil and water samples to determine how healthy they are. (3-ESS2-3, 5-PS1-3, 5-PS1-4, 5-ESS2-1, 5-ESS3-1)
- **Investigating Adaptations** - Model and investigate the features that organisms have that help them survive. (3-LS2-1, 3-LS3-1, 3-LS4-2, 4-LS1-1)
- **Organism Interactions** - Explore how ecosystems contain both living and nonliving things. Notice interactions and how living things are dependent upon the living and nonliving things around them. (3-LS2-1, 4-PS3-2, 5-PS3-1, 5-LS1-1, 5-LS2-1, 5-ESS2-1)
- **Simple Machines** - Investigate and test different simple machines and how the use of simple machines make work and life easier for humans. (3-PS2-1, 4-PS3-4, 4-PS2-1, 4-PS2-2, 3-5-ETS1-1, 3-5-ETS1-2)
- **What's in the Garden?** - Observe and explore our gardens to learn more about how the needs of organisms are met at Moore Road Farm and what it takes for a garden to grow. (3-LS1-1, 3-LS4-3, 4-LS1-1, 5-LS1-1)



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6th-8th Grade Field Trips

- **Biotic and Abiotic Things** - Identify the characteristics of organisms, observe, compare, and classify specimen and materials from around the farm, and recognize interactions between biotic and abiotic factors in an ecosystem. (MS-LS1-1, MS-LS1-3, MS-LS2-3, MS-LS2-4)
- **Energy Flow in Ecosystems** - Explore how energy in all ecosystems starts with the sun and moves through different organisms within an ecosystem. (MS-PS4-2, MS-LS1-6, MS-LS2-1, MS-LS2-2, MS-LS2-3, MS-LS2-4)
- **Healthy Soil and Water** - Clean and healthy soil and water are essential for healthy organisms and ecosystems. Observe and test soil and water samples to determine how healthy they are. (MS-PS1-2, MS-LS2-4, MS-ESS2-4, MS-ESS3-3)
- **Is the Creek Healthy?** - Biodiversity of plant and animals is a sign of strong, vibrant water way. Visit, explore, and observe our creek and learn about how people monitor and protect local waterways to ensure water is clean and healthy for all who need it and how you can make a difference. (MS-LS2-4, MS-LS2-5, MS-ESS2-4, MS-ESS3-3)
- **What's in the Garden?** - Visit, observe, and explore our gardens to learn more about how the needs of organisms are met at Moore Road Farm, what it takes for a garden to grow, and how we maximize our space and time to grow as much as possible in our gardens. (MS-LS1-5, MS-LS1-6, MS-LS2-2, MS-LS2-3, MS-LS2-4, MS-ESS3-3)

9th-12th Grade Field Trips - Contact us at programs@thestemconnection.org to discuss possibilities.

Seasonal Offerings (include but are not limited to)

- **Fall:** Harvesting on the Farm, Gather Around the Campfire
- **Winter:** Hibernation Station, Animals in Winter
- **Spring:** Signs of Spring, Wake Up Woods
- **Summer:** Summer on the Farm, Importance of Pollinators